LOCOMOTIVE PARKING MANAGEMENT TOOL

ABSTRACT OF THE DISCLOSURE

A system for managing locomotives in a railyard including a parking yard and a service yard, based on possible future states of the parking yard and the service yard. The system includes a computer and utilizes an algorithm that enumerates possible present locomotive placement options, enumerates possible future railyard states arising from each possible present locomotive placement option, examines each possible future railyard state, and determines a present option based on the examination of the possible future railyard states.